

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): LAMMING et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: PERVASIVE COMPUTING SYSTEM

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EU824516073US**

Date of Deposit **Dec. 12, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

By 
Typed Name: **Daniel Ratoff**

Respectfully submitted,

LAMMING et al.

By 
Derek J. W. Stberg

Attorney/Agent for Applicant(s)

Reg. No. **40,872**

Date: **Dec. 12, 2003**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200311263-1

APPLICATION NO.

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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
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	1E				
	1F				
	1G				
	1H				
	1I				
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FOREIGN PATENT DOCUMENTS

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	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Daniel SALBER, Anind K. DEY and Gregory D. ABOWD, The Context Toolkit: Aiding the Development of Context-Enabled Applications, Proceedings of CHI'99, Pittsburg, PA, May 15-20 pp. 434-441, (preprint), ACM Press, New York, NY, 1999.
1R	Mark WEISER, The Computer for the 21st Century, Scientific American, September, 1991, pp. 94-104, reprinted in Scientific American, Special Issue, The Computer in the 21st Century, pp. 78-89, Scientific American, Inc, New York, NY, 1995.
1S	William M. NEWMAN, Margery A. ELDRIDGE, and Michael G. LAMMING, PEPYS: Generating Autobiographies by Automatic Tracking, Technical Report EPC-1991-106, Rank Xerox Research Centre, Cambridge, United Kingdom, Proceedings of ECSCW'91, September 1991, Amsterdam, Netherlands, pp. 175-188, Kluwer Academic Publishers, New York, NY, 1991.

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	2P					

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2Q	Mik LAMMING, Peter BROWN, Kathleen CARTER, Margery, ELDRIDGE, Mike FLYNN, Gifford LOUIE, Peter ROBINSON, and Abigail SELLEN, The Design of a Human Memory Prosthesis, Technical Report EPC-1993-119, Rank Xerox Research Centre, Cambridge, United Kingdom, The Computer Journal, Volume 37, Issue 3, pp. 153-163, Oxford University Press, Oxford, United Kingdom, 1994.
2R	Michael G. LAMMING, Towards Future Personalised Information Environments, Technical Report EPC-1994-104, Rank Xerox Research Centre, Cambridge, United Kingdom, Proceedings of FRIEND21, '94 International Symposium on Next Generation Human Interface, 2-4 February 1994, Meguro Gajoen, Japan.
2S	Brett WARNEKE, Sunil BHAVE, Smart Dust Mote Core Architecture, CS252, Spring 2000: Project Report, Berkeley Sensor and Actuator Center, Berkeley, CA, 2000.

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

3Q	A. J. SELLEN, G. LOUIE, J. E. HARRIS, and A. J. WILKINS, What brings Intentions to Mind? An In Situ Study of Prospective Memory, Technical Report EPC-1996-104, Rank Xerox Research Centre, Cambridge, United Kingdom, Memory, Volume 5, Number 4, pp. 483-507, Psychology Press, Brighton, United Kingdom, 1997.
3R	Mik LAMMING, and Mike FLYNN, "Forget-me-not" Intimate Computing in Support of Human Memory, Technical Report EPC-1994-103, Rank Xerox Research Centre, Cambridge, United Kingdom, Proceedings of FRIEND21'94 International Symposium on Next Generation Human Interface, 2-4 February 1994, Meguro Gajoen, Japan, pp. 125-128.
3S	Michael G. LAMMING, and William M. NEWMAN, Activity-based Information Retrieval: Technology in Support of Personal Memory, Information Processing 92, Proceedings of the IFIP 12th World Computer Congress, Madrid, Spain, 7-11 September 1992, pp. 68-81, Volume III: Personal Computers and Intelligent Systems, Elsevier Science, Amsterdam, Netherlands 1992.

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4Q	Mik LAMMING, Denis BOHM, SPECS: Personal Pervasive Systems, Computer, pp. 109-111, IEEE Computer Society, Los Alamitos, CA, June 2003.
4R	Michael SINGER, Smart Dust Collecting in The Enterprise, October 24, 2003, < http://www.internetnews.com/ent-news/print.php/3098551 >
4S	Mik LAMMING, Denis BOHM, SPECS: Another Approach to Human Context and Activity Sensing Research, Using Tiny Peer-to-Peer Wireless Computers, Proceedings UbiComp 2003: Ubiquitous Computing: 5th International Conference, Seattle, WA, October 12-15, 2003, Springer-Verlag, Heidelberg.

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